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# मानक

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IS 7216 (1974): Handloom Cotton Angavastram [TXD 8:  
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“Knowledge is such a treasure which cannot be stolen”



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**IS : 7216 - 1974**

*Indian Standard*  
SPECIFICATION FOR  
HANDLOOM COTTON *ANGAVASTRAM*

UDC 677·21·064



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**INDIAN STANDARDS INSTITUTION**  
MANAK BHAVAN, 9 BAHADUR SHAH ZAFAR MARG  
NEW DELHI 110001

*July 1974*

**AMENDMENT NO. 1      APRIL 1978**  
**TO**  
**IS : 7216 - 1974 SPECIFICATION FOR**  
**HANDLOOM COTTON *ANGAV ASTRAM***

**Alterations**

( *Page 4, Table 1, col 4 and 5, against 'Tolerance'* ) — Substitute ' $\pm 5$  percent' for ' $\pm 5$ ' at both the places.

( *Page 4, Table 2* )

a) *Col 4, against Sl No. (ii)* — Substitute 'IS : 1383 - 1977† (Mild method)' for 'IS : 1383 - 1960†'.

b) *Foot-note with '†' mark* — Substitute the following for the existing matter:

'†Method of determination of scouring loss in grey and finished cotton textile materials (*first revision*).'

( TDC 13 )

Printed at Simco Printing Press, Delhi, India

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# *Indian Standard*

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**IS : 7216 - 1974**

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# *Indian Standard*

## SPECIFICATION FOR HANDLOOM COTTON *ANGAVASTRAM*

### 0. FOREWORD

**0.1** This Indian Standard was adopted by the Indian Standards Institution on 18 February 1974, after the draft finalized by the Handloom & Khadi Sectional Committee had been approved by the Textile Division Council.

**0.2** The *ANGAVASTRAMS*, also known as *DUPATTAS*, are commonly used as an important part of dress in the southern states. The standard has been prepared with a view to assist the handloom weavers in producing *ANGAVASTRAMS* of right quality.

**0.3** For the purpose of deciding whether a particular requirement of this standard is complied with, the final value, observed or calculated, expressing the result of a test or analysis, shall be rounded off in accordance with IS : 2-1960\*. The number of significant places retained in the rounded off value should be the same as that of the specified value in this standard.

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### 1. SCOPE

**1.1** This standard prescribes the constructional particulars and other requirements of handloom cotton *ANGAVASTRAMS*.

**1.2** This standard does not specify the general appearance, feel, finish, etc, of the fabric.

### 2. MANUFACTURE

**2.1 Constructional Particulars** — Constructional particulars shall conform to those given in Table 1. The yarn used shall conform to IS : 171-1973†.

### 3. REQUIREMENTS

**3.1** The requirements of fabric shall conform to those given in Table 2.

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\*Rules for rounding off numerical values (*revised*).

†Specification for grey cotton yarn (*second revision*).

**TABLE 1 CONSTRUCTIONAL PARTICULARS OF HANDLOOM COTTON ANGAVASTRAM**

( Clause 2.1 )

VARIETY No.	APPROXIMATE COUNT OF YARN		ENDS/dm	PICKS/dm
	Warp	Weft		
(1)	(2)	(3)	(4)	(5)
1	80s ( or 7.3 tex )	80s ( or 7.3 tex )	324	332
2	80s ( or 7.3 tex )	80s ( or 7.3 tex )	316	308
3	100s ( or 5.9 tex )	100s ( or 5.9 tex )	362	354
TOLERANCE	± 5 percent	± 5 percent	± 5	± 5
METHOD OF TEST	IS : 1315-1959*	IS : 1315-1959*	IS : 1963-1969†	IS : 1963-1969†

\*Method for determination of universal count of cotton yarn.

†Methods for determination of threads per decimetre in woven fabrics (*first revision*).**TABLE 2 REQUIREMENTS OF HANDLOOM COTTON ANGAVASTRAM**

( Clause 3.1 )

SL No.	CHARACTERISTIC	REQUIREMENT	METHOD OF TEST
(1)	(2)	(3)	(4)
i)	Dimensional changes, percent, <i>Max</i> :		IS : 2977-1964*
	Grey	4	
	Bleached	2	
ii)	Scouring loss, percent, <i>Max</i> :		IS : 1383-1960†
	Grey	10	
	Bleached	2.5	
iii)	Length	As agreed	IS : 1954-1969‡
iv)	Width	As agreed	IS : 1954-1969‡
		-2 percent	

NOTE — The usual lengths are 1.2, 1.3, 1.8, 2.1 or 2.7 m.

\*Method for determination of dimensional changes of woven fabrics ( other than wool ) on soaking in water.

†Method for determination of scouring loss in grey and finished cotton textile materials.

‡Methods for determination of length and width of fabrics (*first revision*).**4. INSPECTION****4.1** The cloth when visually inspected should be reasonably free from:

- a) weft crack of more than 2 missing picks across the width of the material;

- b) prominently noticeable weft bar due to the difference in raw material, count, twist, lustre, colour, shade or pick spacing of adjacent groups of weft yarn;
- c) more than two adjacent ends running parallel, broken or missing and extending beyond 15 cm;
- d) prominent selvage defect;
- e) noticeable warp or weft float in the body of the material;
- f) noticeable oil or other stain in the material;
- g) noticeable hole, cut or tear up to 3 mm in size in the body of the fabric; and
- h) smash definitely rupturing the texture of the materials.

**4.1.1** Above are some of the common defects. For details of these defects a reference may be made to IS : 4125-1967\*.

## **5. MARKING**

**5.1** Each piece shall be marked or labelled with the following information:

- a) Name of the material;
- b) Manufacturer's name, initials or trade-mark;
- c) Length and width of piece; and
- d) Count of warp and weft yarn.

**5.1.1** The fabric may also be marked with the ISI Certification Mark.

NOTE — The use of the ISI Certification Mark is governed by the provisions of the Indian Standards Institution ( Certification Marks ) Act and the Rules and Regulations made thereunder. The ISI Mark on products covered by an Indian Standard conveys the assurance that they have been produced to comply with the requirements of that standard under a well-defined system of inspection, testing and quality control which is devised and supervised by ISI and operated by the producer. ISI marked products are also continuously checked by ISI for conformity to that standard as a further safeguard. Details of conditions under which a licence for the use of the ISI Certification Mark may be granted to manufacturers or processors, may be obtained from the Indian Standards Institution.

## **6. PACKING**

**6.1** Unless otherwise agreed upon by the buyer and the seller the fabrics shall preferably be packed in bales or cases in conformity with the procedure laid down either in IS : 1347-1959† or IS : 293-1967‡ if not stipulated by the buyer.

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\*Glossary of terms pertaining to defects in fabrics.

†Code for inland packaging of cotton cloth and yarn.

‡Seaworthy packaging of cotton cloth and yarn ( second revision ).

## INDIAN STANDARDS

### ON

#### HANDLOOM COTTON FABRICS

##### IS:

745-1955	Handloom cotton bed sheets, grey, bleached, dyed or striped
749-1955	Handloom cotton dungri cloth, grey
750-1956	Handloom cotton lungies, striped or checked
752-1955	Handloom cotton muslin, bleached
753-1955	Handloom cotton pugri cloth, bleached or dyed
755-1955	Handloom cotton malmal, bleached
756-1955	Handloom cotton dosuti, grey, scoured, bleached or dyed
757-1971	Handloom cotton lint, absorbent, bleached ( <i>first revision</i> )
758-1969	Handloom cotton gauze, absorbent ( <i>revised</i> )
854-1956	Handloom cotton turkish towels, bleached, striped, checked or dyed
855-1966	Handloom cotton honeycomb towels, bleached, striped, checked or dyed
856-1971	Handloom cotton huckaback towels ( <i>first revision</i> )
857-1956	Handloom cotton napkins, bleached, striped, checked or dyed
858-1969	Handloom cotton table cloth, bleached, striped, checked or dyed
859-1956	Handloom cotton dusters, grey, striped and checked
860-1956	Handloom cotton sponge cloth, grey, striped and checked
861-1956	Handloom cotton jaconet cloth, grey, dressed
862-1956	Handloom cotton ticking cloth, grey, striped
863-1969	Handloom cotton bandage cloth ( <i>revised</i> )
864-1956	Handloom cotton light sheeting, grey
1093-1957	Handloom cotton Madras handkerchiefs
1094-1957	Handloom cotton gada cloth, grey
1095-1957	Handloom cotton dress materials, bleached, dyed, printed, striped or checked
1096-1957	Handloom cotton Holland cloth, unscoured
1097-1957	Handloom cotton mosquito netting, bleached or dyed
1098-1957	Handloom cotton cambric, bleached
1099-1957	Handloom cotton lining cloth, dyed
1100-1957	Handloom cotton crepe, bleached or dyed
1101-1957	Handloom cotton cellular shirting, bleached or dyed
1102-1963	Handloom buckram cloth ( <i>revised</i> )
1240-1958	Handloom cotton mainsook, bleached or dyed
1241-1958	Handloom cotton calico, bleached or dyed
1242-1958	Handloom cotton shirting, bleached, dyed, striped, checked or printed
1243-1958	Handloom cotton coating, bleached, dyed, striped or checked
1244-1958	Handloom cotton longcloth, bleached or dyed
1245-1958	Handloom cotton pyjama cloth, grey, with stripes
1246-1958	Handloom cotton curtain cloth, bleached, dyed, striped, checked or printed
1247-1958	Handloom cotton Madras check
1451-1959	Handloom cotton drills, bleached or dyed
1556-1960	Handloom cotton poplin, bleached or dyed
1579-1960	Handloom cotton twills, bleached or dyed
1814-1961	Handloom cotton <i>MOOTUS</i> , striped or checked
1937-1961	Handloom cotton bleeding Madras
1939-1961	Handloom cotton handkerchiefs, bleached, striped or checked
2158-1962	Handloom viscose staple fibre shirting, bleached, dyed, striped or checked
2159-1962	Handloom viscose staple fibre shirting, bleached, dyed, striped or checked
2160-1962	Handloom viscose staple fibre coating, bleached, dyed, striped or checked
2172-1962	Handloom filament rayon saris
2715-1964	Handloom cloth, collar, white
6237-1971	Handloom cotton cloth for plaster of Paris bandages and cut bandages
6906-1973	Requirements for colour fastness of handloom cotton textiles

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Grading of raw silk	Terminology
Hosiery	Textile floor coverings
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